

B.) AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 4, line 3 with the following rewritten and amended paragraph:

The concept of the three independent roto-translatory movements disclosed in prior art (U.S. Pat. No. 4,985,907) has proven its flexibility in producing multiple orbital projections by simple adjustment of the software programming data, and can be advantageously used for the generation of the orbital movements required for Orthopantomography, ~~OrthoPanTomography~~, Scannography, and Linear Tomography, both in Conventional and Real-Time Digital Radiography.

Please replace the paragraph beginning at page 5, line 11 with the following rewritten and amended paragraph:

Various kinds of x-ray ~~imager~~ imagers will be allowed, and the active area of the x-ray imager will be of a size equivalent to the x-ray field at the film plane as used in Conventional Radiography.

Please replace the paragraph beginning at page 5, line 16 with the following rewritten and amended paragraph:

Also in this case various kinds of x-ray ~~imager~~ imagers used, based on existing technologies well known to those skilled in the art, such as CCD or CMOS or Amorphous Silicon readout devices optically coupled with scintillator screens or electrically coupled with direct x-ray detection screens.

Please replace the paragraph beginning at page 10, line 14 with the following rewritten and amended paragraph:

In alternative arrangements, where the scanning process is used, the patient positioning system 9 used in Cephalography may be independently attached either to the base frame 1, or to

the floor, or to the wall, and be provided with an independent actuator, either active or not, for the adjustment to the patient ~~height~~ height.

Please replace the paragraph beginning at page 27, line 1 with the following rewritten and amended paragraph:

In FIG. 9, 9a, 9b arrangements are shown where the Real-Time Digital Cephalography is implemented by a rotatory scanning movement of the primary x-ray collimator 5, using a narrow x-ray beam and a linear shaped x-ray imager having an active area of a length approximately corresponding to half the minimum useful height of the x-ray field at the film plane.

Please add the following new paragraph between the paragraph ending with “primary x-ray collimator.” and the paragraph starting with “Whenever possible” after the paragraph beginning and ending on page 7, line 10 and before the DETAILED DESCRIPTION section:

--Fig. 10 is a diagram of an embodiment of the present invention illustrating a detachable connector for the x-ray imager.--

Please add the following new paragraph after the paragraph ending on page 29, line 21 and before the CLAIMS:

--In Fig. 10 an arrangement is shown where a detachable connector 100 allows, in a secure and ergonomic way, the manual connection and disconnection of the x-ray imager 6 selectively between the Cephalographic and the Panoramic position.--